

FIG. 1

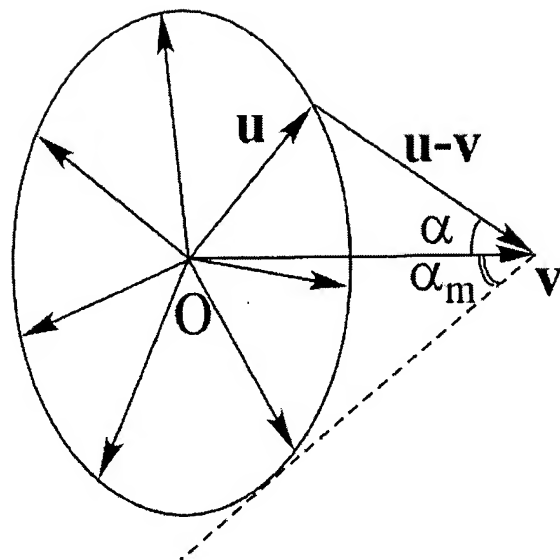
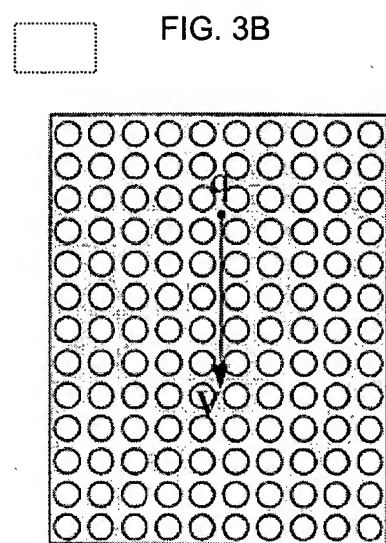
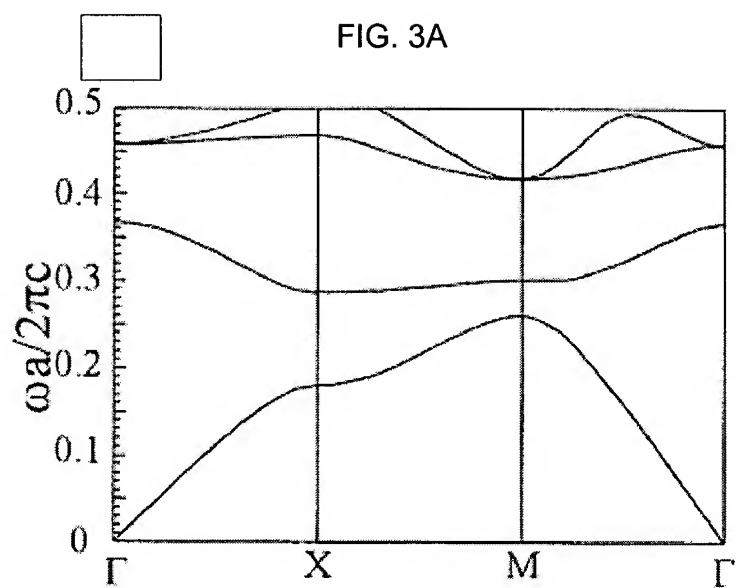


FIG. 2



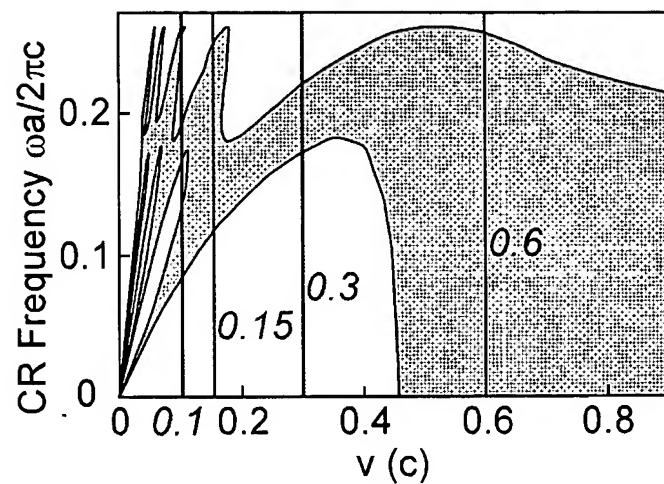


FIG. 4A

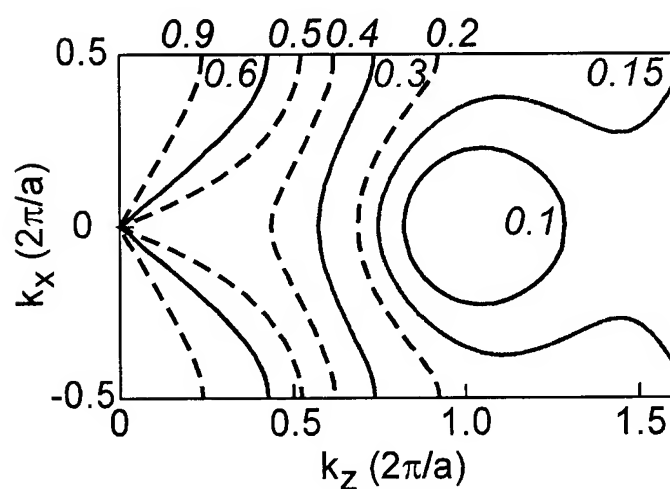


FIG. 4B

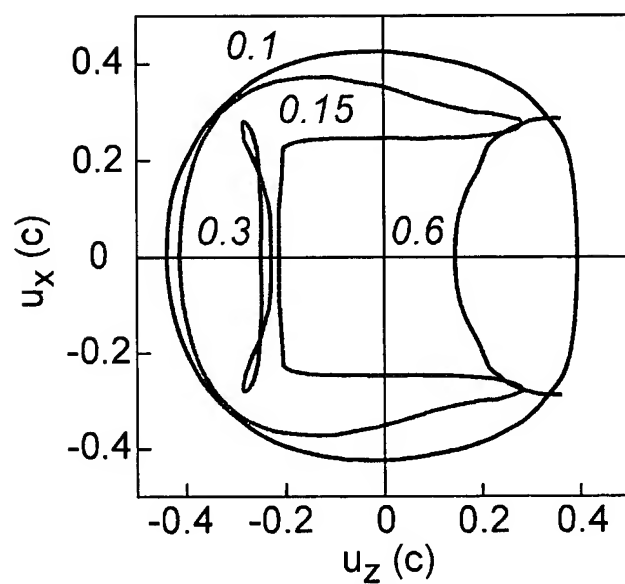
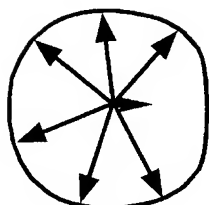


FIG. 4C

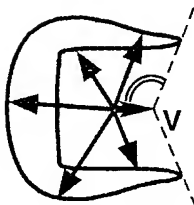
$$v=0.1c$$



no cone

FIG. 5A

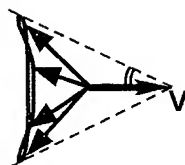
$$v=0.15c$$



$$\alpha_m > \pi/2$$

FIG. 5B

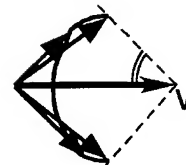
$$v=0.3c$$



$$\alpha_m < \pi/2$$

FIG. 5C

$$v=0.6c$$



$$\alpha_m < \pi/2$$

FIG. 5D

$v=0.1c$



FIG.6A

$v=0.15c$



FIG.6B

$v=0.3c$

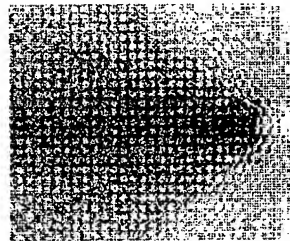


FIG.6C

$v=0.6c$

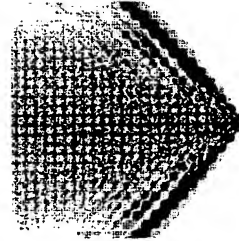
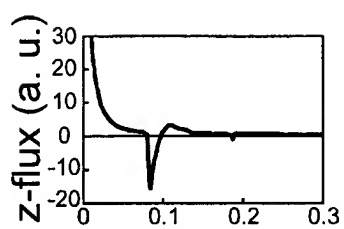


FIG.6D

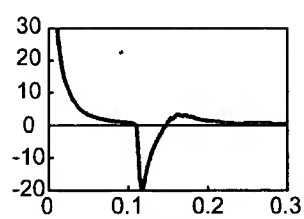
$v=0.1c$



$\omega a / 2\pi c$

FIG. 7A

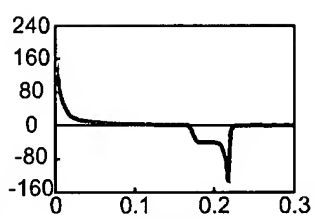
$v=0.15c$



$\omega a / 2\pi c$

FIG. 7B

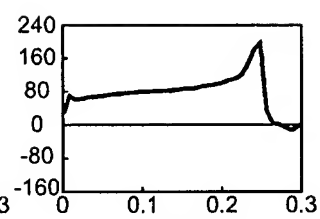
$v=0.3c$



$\omega a / 2\pi c$

FIG. 7C

$v=0.6c$



$\omega a / 2\pi c$

FIG. 7D

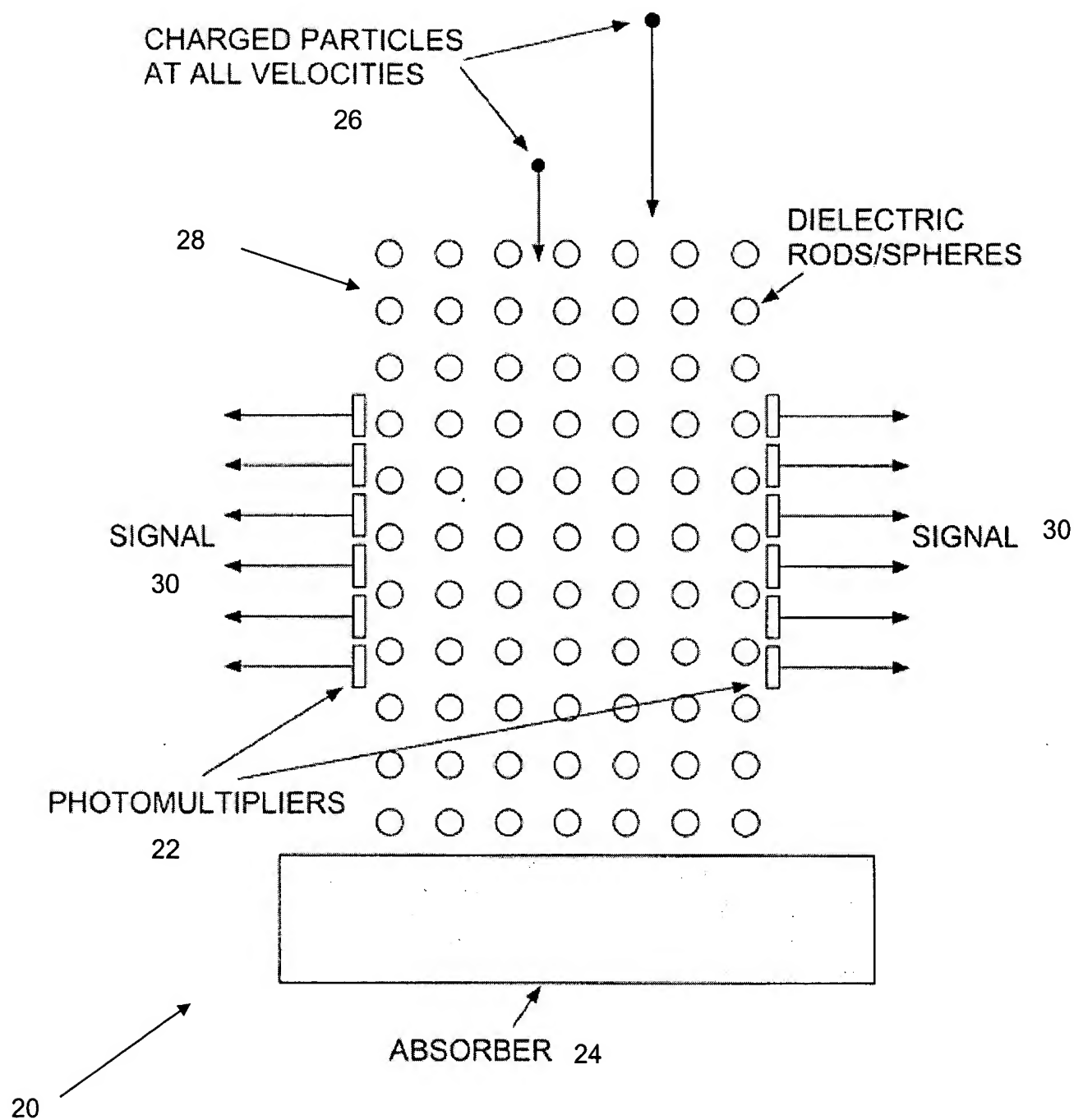


FIG. 8

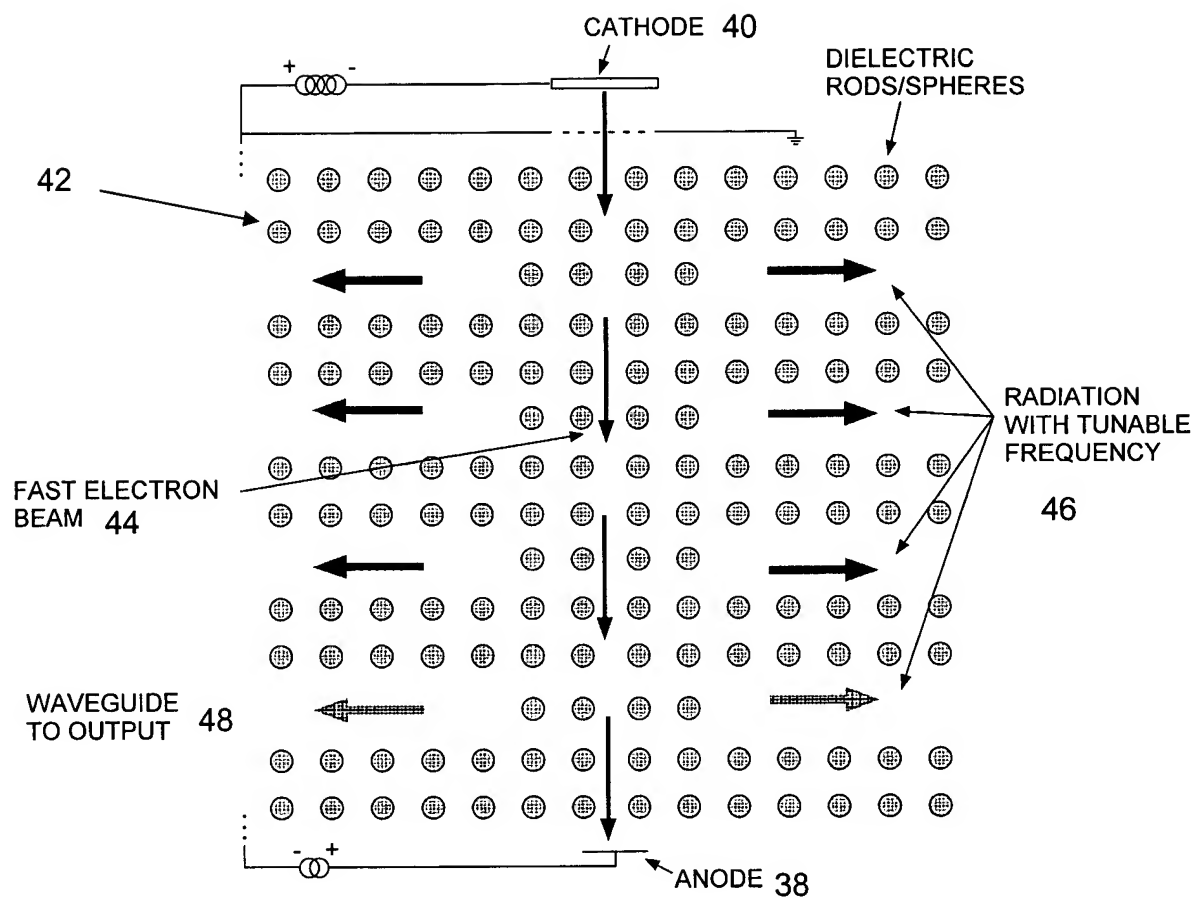


FIG. 9